



PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): **Laura J. Henderson Lewis**  
Serial No.: **10/608733**  
Filing Date: **6/30/03**  
For: **ENHANCED MAGNETOCALORIC EFFECT MATERIAL**

Mail Stop DD  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In order to fulfill the requirements of candor and good faith set forth in 37 C.F.R. §1.56, Applicant submits herewith the following Information Disclosure Statement in accordance with the provisions of 37 C.F.R. §1.97 and §1.98.

**I. U.S. PATENTS**

<b><u>Patentee</u></b>	<b><u>Patent No.</u></b>	<b><u>Date of Issuance</u></b>
Gschneider, Jr. et al	5,743,095	April 28, 1998
Batlogg et al.	5,767,673	June 16, 1998
Bennett et al.	5,381,664	January 17, 1995

**CERTIFICATE OF MAILING (37 CFR 1.8a)**

I hereby certify that this paper (along with any papers referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop DD, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

9/10/03  
Date

Maria Pacella  
Maria Pacella, Office of Intellectual Property  
Sponsored Research

## II. U.S. PATENTS APPLICATIONS

<u>Applicant</u>	<u>Patent Application No.</u>	<u>Date of Publication</u>
Tokai et al.	6,022,486	February 8, 2000
Seuntjens	5,897,963	April 27, 1999
Saito et al.	5,593,517	January 14, 1997
Sahashi et al.	4,849,017	July 18, 1989
Sahashi et al.	4,985,072	January 15, 1991
Barclay et al.	2002/0040583	April 11, 2002


## III. OTHER PUBLICATIONS

- 1) Lewis et al.; "Simple enhancement of the magnetocaloric effect in giant magnetocaloric materials", Applied Physics Letters, Volume 83, Number 3, July 21, 2003, pp. 515.

The above-listed publications are also listed on Applicant's substitute Form PTO-1449, which is attached to this Information Disclosure Statement for the convenience of the Examiner. A copy of each of the above-identified references are enclosed herewith.

If the Examiner has any questions or comments relating to the present application, he or she is respectfully invited to contact Applicants' attorney at the phone number set forth below.

Respectfully submitted,

  
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Date: September 3, 2003

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FORM PTO-1449  
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APPLICANTS: Laura J. Henderson Lewis

FILING DATE  
6/30/03GROUP  
Unassigned

## U.S. PATENT DOCUMENTS

EXAM INER INI- TIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
AA	5,743,095	4/28/1998	Gschneider, Jr. et al	62	3.1	
AB	5,767,673	6/16/1998	Batlogg et al.	324	252	
AC	5,381,664	1/17/1995	Bennett et al.	62	3.1	
AD	6,022,486	2/8/2000	Tokai et al.	252	67	
AE	5,897,963	4/27/1999	Seuntjens	428	607	
AF	5,593,517	1/14/1997	Saito et al.	148	301	
AG	4,849,017	7/18/1989	Sahashi et al.	75	245	
AH	4,985,072	1/15/1991	Sahashi et al.	75	246	
AI	2002/0040583	4/11/2002	Barclay et al.	62	3.1	
AJ						

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
AL					
AM					

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AN	Lewis et al.; "Simple enhancement of the magnetocaloric effect in giant magnetocaloric materials", Applied Physics Letters, Volume 83, Number 3, July 21, 2003, pp. 515.
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EXAMINER

DATE CONSIDERED